

ABSTRACT OF THE DISCLOSURE

The object of the present invention is to realize an optimum resin product design even in the event of conducting injection molding of an arbitrary shape resin product, taking into account of the mold clamping force required for molding and the capacity of an available injection molding device. When a resin product to be molded by injection molding is designed, the mold clamping force required for injection molding of the resin product having a specified shape is determined using a computer-aided optimization method and then the design of the resin product is determined based on the thus obtained mold clamping force.